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☐ 1. Document ID: US 20080001600 A1

L25: Entry 1 of 20

File: PGPB

Jan 3, 2008

PGPUB-DOCUMENT-NUMBER: 20080001600

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080001600 A1

TITLE: METHODS FOR MEASUREMENT OF MAGNETIC RESONANCE SIGNAL

PERTURBATIONS

PUBLICATION-DATE: January 3, 2008

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

deCharms; Richard Christopher Montara CA US

US-CL-CURRENT: <u>324/309</u>

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

□ 2. Document ID: US 20070276221 A1

L25: Entry 2 of 20

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070276221

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070276221 A1

TITLE: Prescan for optimization of mri scan parameters

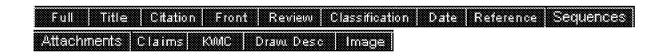
PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Warntjes; Jan Bertus Marten Eindhoven NL

US-CL-CURRENT: 600/410



☐ 3. Document ID: US 20070016003 A1

L25: Entry 3 of 20 File: PGPB Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070016003

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070016003 A1

TITLE: Open architecture imaging apparatus and coil system for <u>magnetic</u>

resonance imaging

PUBLICATION-DATE: January 18, 2007

INVENTOR-INFORMATION:

NAME

CITY STATE COUNTRY

Piron; Cameron Anthony

Toronto

CA

Luginbuhl; Christopher Alexander

Plewes; Donald B.

Toronto

CA

CA

US-CL-CURRENT: 600/415



☐ 4. Document ID: US 20060244449 A1

L25: Entry 4 of 20

File: PGPB

Nov 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060244449

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060244449 A1

TITLE: Sense optimized MRI RF coil designed with a target field method

PUBLICATION-DATE: November 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	
Muftuler; Lutfi	Aliso Viejo	CA	US	
Chen; Gang	Irvine	CA	US	
Nalcioglu; Orhan	Newport Coast	CA	US	

US-CL-CURRENT: 324/318; 29/601, 324/322

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 5. Document ID: US 20060208731 A1

L25: Entry 5 of 20

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208731

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208731 A1

TITLE: Magnetic resonance parallel imaging method with K-space

sensitivity encoding

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Wang; Jian Min Shenzhen CN Zhang; Bida Shenzhen CN

US-CL-CURRENT: 324/309; 324/307

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 6. Document ID: US 20050270024 A1

L25: Entry 6 of 20 File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050270024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050270024 A1

TITLE: Method for parallel image reconstruction using automatic

regularization

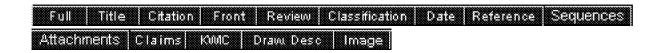
PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Lin, Fa-Hsuan Taipei City TW

US-CL-CURRENT: 324/307



☐ 7. Document ID: US 20050100202 A1

L25: Entry 7 of 20 File: PGPB May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050100202

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050100202 A1

TITLE: Method for generating fast magnetic resonance images

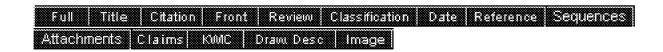
PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Huang, Feng Gainesville FL US

US-CL-CURRENT: 382/128



File: PGPB

Feb 10, 2005

□ 8. Document ID: US 20050033154 A1

L25: Entry 8 of 20

PGPUB-DOCUMENT-NUMBER: 20050033154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033154 A1

TITLE: Methods for measurement of magnetic resonance signal

perturbations

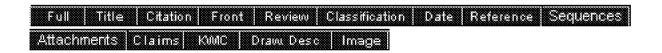
PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

deCharms, Richard Christopher Montara CA US

US-CL-CURRENT: 600/410



☐ 9. Document ID: US 20040207402 A1

L25: Entry 9 of 20

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040207402

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040207402 A1

TITLE: Method and apparatus to improve an mri image

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Kellman, Peter Bethesda MD US McVeigh, Elliot Phoenix MD US

US-CL-CURRENT: 324/309

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 10. Document ID: US 20030076099 A1

L25: Entry 10 of 20

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030076099

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030076099 A1

TITLE: Reduced signal to noise ratio array coil image

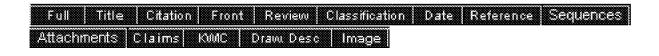
PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Hajnal, Joseph V. London GB
Bydder, Mark London GB
Larkman, David J. London GB

US-CL-CURRENT: <u>324/307</u>; <u>324/309</u>



☐ 11. Document ID: US 20030001571 A1

L25: Entry 11 of 20

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030001571

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030001571 A1

TITLE: Method for generating images by means of magnetic resonance

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Wang, Jianmin Erlangen DE

US-CL-CURRENT: <u>324/309</u>; <u>324/307</u>

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 12. Document ID: US 20020039024 A1

L25: Entry 12 of 20

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020039024 A1

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE COUNTRY
Fuderer, Miha	Eindhoven	NL
Van Den Brink, Johan Samuel	Eindhoven	NL
Jurrissen, Michel Paul Jurriaan	Eindhoven	NL
Van Muiswinkel, Arianne Margarethe Corinne	Eindhoven	NL
Katscher, Ulrich	Norderstedt	DE

US-CL-CURRENT: 324/307; 324/309

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KWC Draw Desc Image

☐ 13. Document ID: US 7202666 B2

L25: Entry 13 of 20

File: USPT

Apr 10, 2007

US-PAT-NO: 7202666

DOCUMENT-IDENTIFIER: US 7202666 B2

TITLE: Magnetic resonance parallel imaging method with K-space

sensitivity encoding

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060208731 A1 September 21, 2006

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wang; Jian Min Shenzhen CN Zhang; Bida Shenzhen CN

US-CL-CURRENT: 324/309; 324/318



☐ 14. Document ID: US 7202663 B2

L25: Entry 14 of 20 File: USPT Apr 10, 2007

US-PAT-NO: 7202663

DOCUMENT-IDENTIFIER: US 7202663 B2

TITLE: Method for generating fast <u>magnetic resonance</u> images

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20050100202 A1 May 12, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Huang; Feng Gainesville FL US

US-CL-CURRENT: 324/307; 324/309



☐ 15. Document ID: US 7154268 B2

L25: Entry 15 of 20

File: USPT

Dec 26, 2006

US-PAT-NO: 7154268

DOCUMENT-IDENTIFIER: US 7154268 B2

TITLE: Method and apparatus to improve an MRI image using regularization

DATE-ISSUED: December 26, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20040207402 A1 October 21, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kellman; Peter Bethesda MD US
McVeigh; Elliot Phoenix MD US

US-CL-CURRENT: 324/309; 324/318



☐ 16. Document ID: US 7053613 B2

L25: Entry 16 of 20

File: USPT

May 30, 2006

US-PAT-NO: 7053613

DOCUMENT-IDENTIFIER: US 7053613 B2

TITLE: Method for parallel image reconstruction using automatic

regularization

DATE-ISSUED: May 30, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20050270024 A1 December 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lin; Fa-Hsuan Taipei City TW

US-CL-CURRENT: <u>324/307</u>; <u>324/309</u>



☐ 17. Document ID: US 6801035 B2

L25: Entry 17 of 20 File: USPT

Oct 5, 2004

US-PAT-NO: 6801035

DOCUMENT-IDENTIFIER: US 6801035 B2

TITLE: Method for generating images by means of magnetic resonance

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wang; Jianmin Erlangen DE

US-CL-CURRENT: 324/309; 324/307, 600/410



☐ 18. Document ID: US 6518760 B2

L25: Entry 18 of 20

File: USPT

Feb 11, 2003

US-PAT-NO: 6518760

DOCUMENT-IDENTIFIER: US 6518760 B2

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Fuderer; Miha Eindhoven NL

Van Den Brink; Johan Samuel Eindhoven NL

Jurrissen; Michel Paul Jurriaan Eindhoven NL

Van Muiswinkel; Arianne Margarethe
Eindhoven
NL

Corinne

Katscher; Ulrich Norderstedt DE

US-CL-CURRENT: <u>324/307</u>; <u>324/309</u>, <u>324/318</u>

	eview Classification Date
Reference	

☐ 19. Document ID: US 6289232 B1

L25: Entry 19 of 20

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Jakob; Peter M. Brookline Village MA
Sodickson; Daniel K. Cambridge MA
Griswold; Mark Brookline MA

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422



☐ 20. Document ID: US 5910728 A

L25: Entry 20 of 20 File: USPT Jun 8, 1999

US-PAT-NO: 5910728

DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast

imaging with radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Sodickson; Daniel Kevin Cambridge MA

US-CL-CURRENT: 324/309



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REFERENCES	1780997
INITIAL	1995220
INITIALS	5796
PRELIMINARY	285287
PRELIMINARIES	619
PRELIMINARYS	0
PREPARATORY	95023
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